



### Use Case: Using Screening mode for treatment

This use case illustrates the interaction that takes place between the user actor and the system actor when a user decides to enable Screening Mode. The general flow of interaction is that a user chooses the Screening Mode option from the main menu, and the device responds by displaying the Screening menu. There are a few extended and included interactions that simultaneously take place behind the scene of the general flow.

The “Turn Off Device” and “Return to Main Menu” cases are extended after selecting the Screening option (from the main menu) because a user has the choice to perform either of those actions at any time but does not always have to.

The “Begin Treatment (ONLY when electrode is on skin)” has an included relationship with the Screening menu because once the menu is displayed, Denas automatically begins treating the user as long as the electrode is on their skin. Furthermore, after every 5 seconds of valid treatment (i.e. electrode on skin), the system will display a measured treatment value (ΔLT) between 0 – 100 for the user to note down.